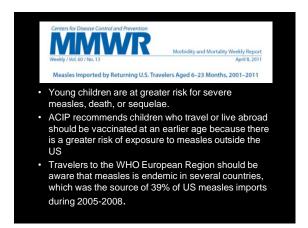
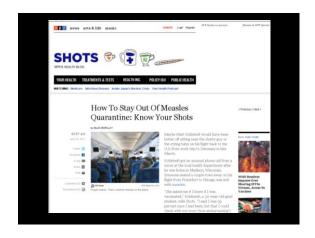
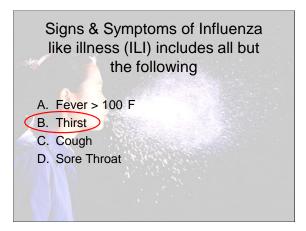


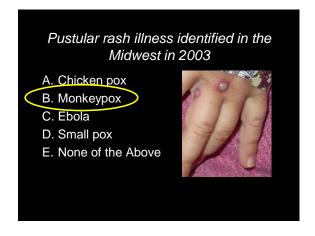
A nine month old child is going to Europe
with her parents, which vaccine should
she get early?

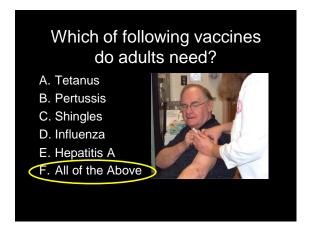
A. Hepatitis A
B. MMR
C. Varicella
D. PCV
E. None of the Above

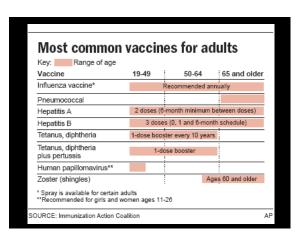






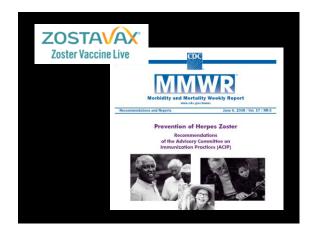






Stanley got shingles on his back when he was 55. She is now 65. Should he get the shingles vaccine?

A. No
B. Yes
C. Yes, only if he is immunocompromised.
D. Perhaps



Following the massive 2010 Haiti earthquake, which vaccine preventable disease(s) are of major concern?

A. Measles

- B. Cholera
- C. Tetanus
- D. Polio
- E. All of the above.

E. All of the Above

- 7.0 magnitude earthquake struck Portau-Prince Jan 12, 2010.
- 200,000 dead; 300,000 injured; 1.2 million left homeless.
- Severe shortages of food, water, medical supplies, fuel, medical personnel, sanitation equipment, rescue equipment.

Vaccination Program Following 2010 Haiti Earthquake

- 250,000 children in 7 temporary settlements
 - Measles, diphtheria, rubella, tetanus and pertussis
- Tetanus vaccination of 200,000 people who suffered injuries.
- · No Cholera vaccine was given

Cholera Vaccination Shortage

- · Limited global vaccine supply
 - 400,000 doses of oral vaccine available world wide
 - A course of vaccination requires 2 doses

ished online 11 April 2011 | Nature | doi:10.1038/news.2011.226 Vaccination would curb Haitian cholera

Targeting limited doses on those most at risk could save thousand of lives, say researchers.

As of April 4, 2011, PAHO reports 274,418 Haitians have cholera; and 4787 have died.



46 yo Nurse Nancy works in a Family Practice Office. She got her Td booster in 2008. Can she get the Tdap?

A. No...its too soon after Td shot

B. Yes

C. Don't know

D. Don't care

ACIP Provisional Recommendations for Health Care Personnel on use of Tetanus Toxoid, Reduced Diphtheria Toxoid and Acellular Pertussis Vaccine (Tdap) and use of Postexposure Antimicrobial Prophylaxis

Date of ACIP vote: Fobruary 23, 2011
Date of posting of provisional recommendations: April 4, 2011
Scheduled date of publication of recommendations in CDC Morbidity and Mortality Weekly Report:
fall 2011 (Immunization of Hoalthcaro Porsonnel) and 2012 (full portussis-containing

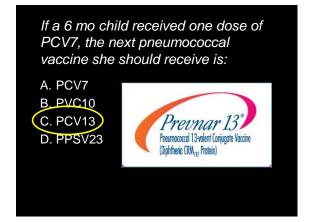
 ACIP recommends that ALL healthcare personnel (HCP), regardless of age, should receive a single dose of Tdap as soon as feasible if thay have not previously received Tdap and REGARDLESS of the time since the last dose.

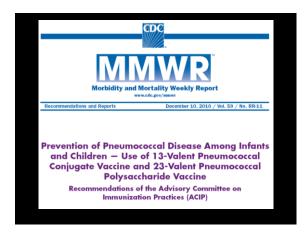
Postexposure antimicrobial prophylaxis in Healthcare Personnel

- · Some vaccinated HCP are still at risk for B. pertussis. Tdap may not preclude the need for post exposure prophylaxis.
- Recommend for all HCP who have unprotected exposure to pertussis AND are likely to expose a patient at risk for severe pertussis (e.g., neonate).
- Other HCP should either receive PEP OR be monitored daily for 21 days after pertussis exposure and treated a the onset of signs and symptoms of pertussis.









Most Important way to stop infections from spreading.

A. What is getting vaccinated?

B. What is hand washing?

C. What is disinfecting with bleach?

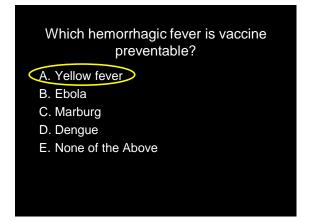
D. What is none of the above?

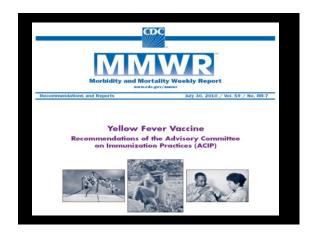
Billy got bitten my a rabid fox. How many rabies vaccines does he require?

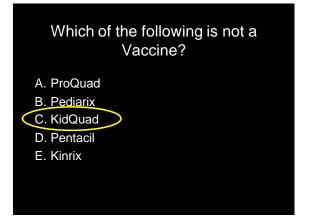
A. 23
B. 4
C. 5
D. Zero
E. None of the Above

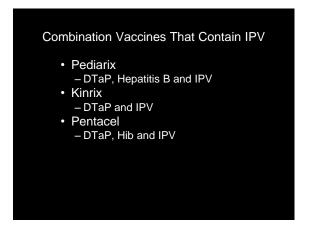














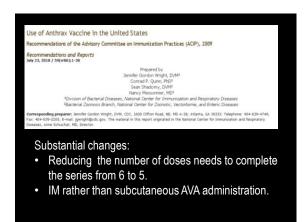
In February, 2008, an ill Pima County visitor from Switzerland spread which disease in 2 counties?

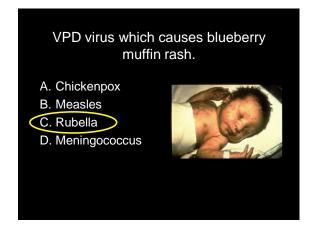
A. Mumps
B. Rubella
C. Measles
D. Chocalholism



Vaccine preventable bacterial disease which is also a bioterrorism agent.

A. Anthrax
B. Necrotizing fasciitis
C. Staphylococcus aureus
D. Smallpox



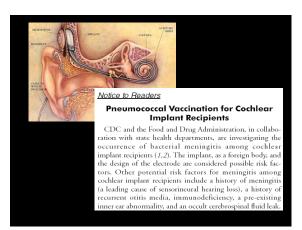


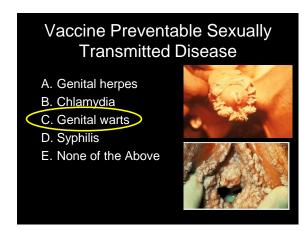
Congenital Rubella Syndrome

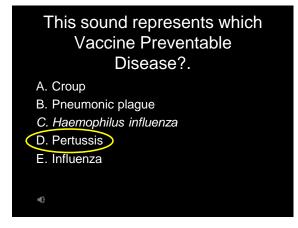
- Manifests in infancy from rubella infection in utero
- Symptoms/complications include deafness, eye defects, cardiac defects, neurologic abnormalities
- Infants with CRS may transmit rubella in nasopharyngeal secretions and urine through the first year of life

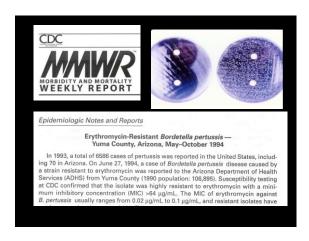
Bacteria sometimes associated with meningitis post implant surgery

- A. Haemophilus influenza type b
- B. Streptooccus pneumoniae
- C. Neisseria meningitidis
- D. Group B Streptococcus









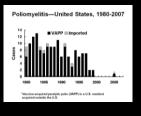
Tabitha, a 16 yo Junior at West High School, got the Meningococcal Conjugate Vaccine when she was 12. Does she need any more doses of MCV before she goes to Phoenix College.

- A. Yes, 1 dose
- B. No, since she is not going to be living in a dorm
- C. Yes, maybe she will get a scholarship to Yale.
- D. Don't know or care.

Updated Recommendations for Use of Meningococcal Conjugate Vaccines --- Advisory Committee on Immunization Practices (ACIP), 2010 Weekly Jameny 78, 2011 / 60(03);72-76 Con Outber 27, 2010, the Advisory Committee on Immunization Practices (ACIP), 2010 Think Genogroups A. C., var dw 1.151 meningococal conjugate vaccine in the renemopococal of size and the renemopococal of size in size and the renemopococal of size and the renemop

The last case of vaccine associated paralytic polio occurred in a student who traveled to:

- A. Mexico
- B. Nigeria
- C. Samoa
- Q. Costa Rica
- E. None of the Above



Pneumococcal Polysaccharide Vaccine Should be given to:

- A. Patient with AIDS
- B. Patient who had spleen removed due to auto accident.
- C. 66 yo nurse
- D. 26 yo asthmatic
- E. All of the Above

Pneumococcal Bacteremia

- More than 50,000 cases per year in the United States
- Rates higher among elderly and very young infants
- Case fatality rate ~20%; up to 60% among the elderly



Meningitis



- Estimated 3,000 6,000 cases per year in the United States
- Case-fatality rate ~30%, up to 80% in the elderly
- Neurologic sequelae common among survivors

